

WHAT IS CLAIMED IS:

1. A radio communication apparatus for executing
radio communication with a base station of a mobile
radio communication system, and capable of executing
5 short-range radio data communication with a stationary
station, said apparatus comprising:

communication means for executing short-range
radio data communication with the stationary station;
and

10 position information acquisition means for
acquiring position information from the stationary
station,

wherein said communication means acquires position
information indicating a position of said radio
15 communication apparatus by requesting the position
information from the stationary station, using said
position information acquisition means.

2. The radio communication apparatus according to
claim 1, wherein said position information acquisition
20 means includes stationary station information acquiring
means for requesting, from the stationary station,
stationary station relevant information related to the
position of the radio communication apparatus, thereby
acquiring the stationary station relevant information
25 from the stationary station.

3. The radio communication apparatus according to
claim 1, further comprising base station information

acquiring means for requesting, from the base station,
base station relevant information related to the
position of said radio communication apparatus, thereby
acquiring the base station relevant information from
5 the base station.

4. The radio communication apparatus according to
claim 1, further comprising position information
transmitting means for transmitting the position
information acquired from the stationary station, to
10 the mobile radio communication system.

5. The radio communication apparatus according to
claim 1, further comprising position information
receiving means for receiving position information
concerning another radio communication apparatus via
15 the mobile radio communication system.

6. The radio communication apparatus according
to claim 2, further comprising stationary station
information transmitting means for transmitting the
stationary station relevant information acquired from
20 the stationary station, to the mobile radio
communication system.

7. The radio communication apparatus according to
claim 6, wherein said stationary station information
transmitting means transmits the stationary station
25 relevant information to the mobile radio communication
system at regular intervals.

8. The radio communication apparatus according to

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claim 1, further comprising information supply limiting means operating when receiving, from the base station, a request for supply of position information on said radio communication apparatus issued by another radio communication apparatus, thereby limiting the supply of the position information to said another radio communication apparatus on the basis of a prescribed criterion.

9. The radio communication apparatus according to
claim 1, further comprising information supply limiting
means operating when receiving, from the base station,
a request for supply of position information on the
radio communication apparatus, thereby limiting the
supply of the position information on the basis of a
time the base station received the request.

10. The radio communication apparatus according to
claim 1, further comprising information supply limiting
means operating when receiving, from the base station,
a request for supply of position information on the
radio communication apparatus issued by another radio
communication apparatus, thereby limiting the supply of
the position information to said another radio
communication apparatus on the basis of a telephone
number assigned to said another radio communication
apparatus.

11. The radio communication apparatus according to claim 1, further comprising information supply limiting

means operating when receiving, from the base station,
a request for supply of position information on said
radio communication apparatus issued by another radio
communication apparatus, thereby limiting the supply of
the position information to said another radio
5 communication apparatus on the basis of a location of
said another radio communication apparatus.

12. A stationary station for executing short-range
radio data communication with a radio communication
10 apparatus that can perform radio communication with a
base station of a mobile radio communication system,
said station comprising:

connection means for connecting said stationary
station to the radio communication apparatus by radio;
15 memory means for storing information related to a
position of said stationary station; and
transmission means for transmitting information
stored in said memory means to the radio communication
apparatus, over the radio connection by said connection
20 means.

13. The stationary station according to claim 12,
wherein the information related to the position of said
stationary station is information concerning a
neighborhood of said stationary station.

25 14. A radio communication system for a radio
communication apparatus that executes radio communica-
tion with a base station, and can execute short-range

radio data communication with a stationary station,
said system comprising:

transmission means for acquiring position
information on the radio communication apparatus from
5 the stationary station, and transmitting the position
information to the mobile radio communication system
via the base station.

15. The radio communication system according to
claim 14, wherein said transmission means transmits
10 data on a time when the apparatus is located in a
position that is determined based on the position
information.

16. The radio communication system according to
claim 14, further comprising information providing
15 means for providing information related to a position
of the radio communication apparatus, on the basis of
the position information on the radio communication
apparatus.

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